

531 Re

10/031216

2002

Approved for use through 10/31/99 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known Application Number <u>PCT/US01/11825</u> <u>16031, 216</u> Filing Date <u>10 April 2001</u> First Named Inventor <u>Bonnie R. Hames</u> Group Art Unit <u>Not Yet Accorded</u> <u>1651</u> Examiner Name <u>Not yet Accorded</u> <u>K.C. S. R. V.</u> Attorney Docket Number <u>NREL IR 98-22</u>	
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	09/10/2003
-----------------------	---	--------------------	------------

• **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number.*See attached Kinds of U.S. Patent Documents.*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box

10/031216
53 PCT/PT-11 JAN 2002
PTO/SB/08B-10-06
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	PCT/US01/11825 10/03/216
		Filing Date	10 April 2001
		First Named Inventor	Bonnie R. Hames
		Group Art Unit	Not Yet Accorded 2651
		Examiner Name	Not Yet Accorded K.C. SRIVASTAVA
Sheet 2	Of 2	Attorney Docket Number	NREL IR #98-22

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite NO. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
J	1	Perego, P. et al., "Acid hemicellulose hydrolysate: Physical treatments and continuous immobilized-cell fermentations," Bioprocess Engineering, 10: No. 1, 35-41 (1994)	
J	2	Parajo, J.C. et al., "Improved xylitol production with debaryomyces Hansenii Y-7426 from raw or detoxified wood hydrolysates," Enzyme and Microbial Technology, 21: No. 1, 18-24 (1997)	
J	3	Machdo, A.E.H., "Photocatalytic degradatio of lignin and lignin models, using titanium dioxide: The role of the hydroxyl radical," Pergamon Press, Oxford, GB, 40: No. 1 115-124 (2000).	
J	4	Leonard, R.H. and Hajny, G.J., "Fermentation of Wood Sugars," Industrial and Engineering Chemistry, vol. 37, No. 4, 390-395 (1945)	

Examiner Signature	<i>K.C. SRIVASTAVA</i>	Date Considered	09/10/2003
--------------------	------------------------	-----------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.